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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 11

Complete If Known

Application Number	10/660,997
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
	CQ	US-5,484,908		01-16-1996	Froehler et al.	
	CR	US-5,502,177		03-26-1996	Matteucci et al.	
	CS	US-5,503,980		04-02-1996	Cantor	
	CT	US-5,523,217		06-04-1996	Lupski et al.	
	CU	US-5,527,675		06-18-1996	Coull et al.	
	CV	US-5,567,587		10-22-1996	Kohne	
	CW	US-5,580,733		12-03-1996	Levis et al.	
	CX	US-5,625,184		04-29-1997	Vestal et al.	
	CY	US-5,645,985		07-08-1997	Froehler et al.	
	CZ	US-5,686,242		11-11-1997	Bruice et al.	
	DA	US-5,700,642		12-23-1997	Monforte et al.	
	DB	US-5,759,771		06-02-1998	Tilanus	
	DC	US-5,763,588		07-09-1998	Matteucci et al.	
	DD	US-5,770,367		06-23-1998	Southern et al.	
	DE	US-5,777,324		07-07-1998	Hillenkamp	
	DF	US-5,830,653		11-03-1998	Froehler et al.	
	DG	US-5,830,655		11-03-1998	Monforte et al.	
	DH	US-5,851,765		12-22-1998	Koster	
	DI	US-5,864,137		01-26-1999	Becker et al.	
	DJ	US-5,869,242		02-09-1999	Kamb	
	DK	US-5,871,697		02-16-1999	Rothberg et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
	DL	DE 19802905		07-29-1999	Bruker Daltonik		
	DM	DE 19824280		12-02-1999	Bruker Daltonik		
	DN	DE 19852167		05-31-2000	Bruker Saxonja		
	DO	EP 1138782		10-14-2001	Bruker Saxonja		
	DP	EP 1234888		08-28-2002	Bruker Saxonja		
	DQ	EP 1333101		08-06-2003	Bruker Daltonik		
	DR	GB 2325002		11-11-1998	Bruker Franzen		
	DS	GB 2339905		02-09-2000	Bruker Daltonik		
	DT	WO 93/03186		02-18-1993	Hoffman-La Roche		
	DU	WO 94/16101		07-21-1994	Koster		

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Sheet 2 of 11

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Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
	DV	US-5,876,930	03-02-1999	Ju	
	DW	US-5,928,906	07-27-1999	Koster et al.	
	DX	US-5,981,176	11-09-1999	Wallace	
	DY	US-5,994,066	11-30-1999	Bergeron et al.	
	DZ	US-6,001,564	12-14-1999	Bergeron et al.	
	EA	US-6,005,096	12-21-1999	Matteucci et al.	
	EB	US-6,007,992	12-28-1999	Lin et al.	
	EC	US-6,028,183	02-22-2000	Lin et al.	
	ED	US-6,046,005	04-04-2000	Ju et al.	
	EE	US-6,051,378	04-18-2000	Monforte et al.	
	EF	US-6,054,278	04-25-2000	Dodge et al.	
	EG	US-6,074,823	06-13-2000	Koster	
	EH	US-6,090,558	07-18-2000	Butler et al.	
	EI	US-6,104,028	08-15-2000	Hunter et al.	
	EJ	US-6,111,251	08-29-2000	Hillenkamp	
	EK	US-6,140,053	10-31-2000	Koster	
	EL	US-6,146,144	11-14-2000	Fowler et al.	
	EM	US-6,153,389	11-28-2000	Haarer et al.	
	EN	US-6,159,681	12-12-2000	Zebala	
	EO	US-6,194,144	02-27-2001	Koster	

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		Country Code ⁴ - Number ⁴ - Kind Code ⁵ (if known)				
	EP	WO 94/21822	09-24-1994	Koster		
	EQ	WO 96/29431	09-26-1996	Sequenom		
	ER	WO 96/32504	10-17-1996	Trust. of Boston		
	ES	WO 96/37630	11-28-1996	SRI International		
	ET	WO 98/03684	01-29-1998	Hybridon Inc.		
	EU	WO 98/14616	04-09-1998	Perceptive Bio.		
	EV	WO 98/15652	04-16-1998	Brax Genomics		
	EW	WO 98/20020	05-14-1998	Sequenom Inc.		
	EX	WO 98/20157	05-14-1998	Infectio Diagnost.		
	EY	WO 98/26095	06-18-1998	Genetrace Sys.		
	EZ	WO 98/31830	07-23-1998	Brax Genomics		

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Sheet 3 of 11

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Art Unit	1837
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	FA	US-6,197,498	03-06-2001	Koster	
	FB	US-6,218,118	04-17-2001	Sampson et al.	
	FC	US-6,221,601	04-24-2001	Koster et al.	
	FD	US-6,221,605	04-24-2001	Koster	
	FE	US-6,225,450	05-01-2001	Koster	
	FF	US-6,235,476	05-22-2001	Bergmann et al.	
	FG	US-6,235,478	05-22-2001	Koster	
	FH	US-6,235,480	05-22-2001	Shultz et al.	
	FI	US-6,238,871	05-29-2001	Koster	
	FJ	US-6,238,927	05-29-2001	Abrams et al.	
	FK	US-6,258,538	07-10-2001	Koster et al.	
	FL	US-6,265,716	07-24-2001	Hunter et al.	
	FM	US-6,268,129	07-31-2001	Gut et al.	
	FN	US-6,268,131	07-31-2001	Kang et al.	
	FO	US-6,268,144	07-31-2001	Koster	
	FP	US-6,268,146	07-31-2001	Shultz et al.	
	FQ	US-6,270,973	08-07-2001	Lewis et al.	
	FR	US-6,270,974	08-07-2001	Shultz et al.	
	FS	US-6,277,573	08-21-2001	Koster	
	FT	US-6,277,578	08-21-2001	Shultz et al.	

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Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	FU	WO 98/00520	09-17-1998	Hybridon Inc.		
	FV	WO 99/05319	02-04-1999	Rapigene, Inc.		
	FW	WO 99/29898	06-17-1999	Max-Planck		
	FX	WO 99/57318	11-11-1999	Sequenom Inc.		
	FY	WO 01/07648	02-01-2001	Artus Gesell.		
*	FZ	WO 01/23604	04-05-2001	Infectio Diagnost.		
	GA	WO 01/32930	05-10-2001	California Instit.		
	GB	WO 01/51661	07-19-2001	Amsterdam Support		
	GC	WO 01/57263	08-09-2001	Advion Biosci.		
	GD	WO 02/10186	02-07-2002	California Instit.		

* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

Examiner
Signature

/Jeffrey Fredman/

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First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
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		Number - Kind Code ² (if known)			
	GE	US-6,300,076	10-09-2001	Koster	
	GF	US-6,312,893	11-06-2001	Van Ness et al.	
	GG	US-6,312,902	11-06-2001	Shultz et al.	
	GH	US-6,361,940	03-26-2002	Van Ness et al.	
	GI	US-6,372,424	04-16-2002	Brow et al.	
	GJ	US-6,391,551	05-21-2002	Shultz et al.	
	GK	US-6,423,966	07-23-2002	Hillenkamp et al.	
	GL	US-6,428,955	08-06-2002	Koster et al.	
	GM	US-6,432,651	08-13-2002	Hughes et al.	
	GN	US-6,436,635	08-20-2002	Fu et al.	
	GO	US-6,436,640	08-20-2002	Simmons et al.	
	GP	US-6,458,533	10-01-2002	Felder et al.	
	GQ	US-6,468,748	10-22-2002	Monforte et al.	
	GR	US-6,475,736	11-05-2002	Stanton, Jr.	
	GS	US-6,479,239	11-12-2002	Anderson et al.	
	GT	US-6,500,621	12-31-2002	Koster	
	GU	US-6,558,902	05-06-2003	Hillenkamp	
	GV	US-6,566,055	05-20-2003	Monforte et al.	
	GW	US-6,582,916	06-24-2003	Schmidt et al.	
	GX	US-6,589,485	07-08-2003	Koster	

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		Country Code ² - Number ⁴ - Kind Code ⁵ (if known)				
	GY	WO 02/18641	03-07-2002	Sequenom-Gemini		
	GZ	WO 02/21108	03-14-2002	Large Scale		
	HA	WO 02/50307	06-27-2002	Chugai Seiyaku		
	HB	WO 02/57491	07-25-2002	Board of Trustees of the Leland Council of Scientific		
	HC	WO 02/077278	10-03-2002			
	HD	WO 02/099034	12-12-2002	Infection Diagnostic		
	HE	WO 03/002750	01-09-2003	High Throughput		
	HF	WO 03/008636	01-30-2003	Infectio Diagnost.		
	HG	WO 03/016546	02-27-2003	Flinders Technol.		
	HH	WO 03/060163	07-24-2003	Keygene N.V.		

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		Number - Kind Code ² (if known)			
	HI	US-6,602,662	08-05-2003	Koster	
	HJ	US-6,605,433	08-12-2003	Fliss et al.	
	HK	US-6,623,928	09-23-2003	Van Ness et al.	
	HL	US-6,468,743	10-22-2002	Romick et al.	
	HM	US-6,682,889	08-12-2003	Fliss et al.	
	HN	US-6,716,634	04-06-2004	Myerson	
	HO	US-2002/0045178	04-18-2002	Cantor et al.	
	HP	US-2002/0137057	09-26-2002	Wold et al.	
	HQ	US-2002/0150903	10-17-2002	Koster	
	HR	US-2002/0150927	10-17-2002	Matney et al.	
	HS	US-2003/0017487	01-23-2003	Xue et al.	
	HT	US-2003/0039976	02-27-2003	Haff	
	HU	US-2003/0064483	04-03-2003	Shaw et al.	
	HV	US-2003/0073112	04-17-2003	Zhang et al.	
	HW	US-2003/0113745	06-19-2003	Monforte et al.	
	HX	US-2003/0129589	07-10-2003	Koster et al.	
	HY	US-2003/0134312	07-17-2003	Burgoyne	
	HZ	US-2003/0148284	08-07-2003	Vision et al.	
	IA	US-2003/0175729	09-18-2003	Van Eijk et al.	
	IB	US-2003/0194699	10-16-2003	Lewis et al.	
	IC	US-2003/0203398	10-30-2003	Bramucci et al.	
	ID	US-2003/0220844	11-27-2003	Marnellos et al.	
	IE	US-2004/0005555	01-08-2004	Rothman et al.	
	IF	US-2004/0038206	02-26-2004	Zhang et al.	
	IG	US-2004/0038234	02-26-2004	Gut et al.	
	IH	US-2004/0038385	02-26-2004	Langlois et al.	

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	II	WO 03/088979	10-30-2003	Centre National		
	IJ	WO 03/097869	11-27-2003	Con/Cipio GmbH		

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	IK	BAHRMAND, A. R. et al., "Use of restriction enzyme analysis of amplified DNA coding for the hsp65 gene and polymerase chain reaction with universal primer for rapid differentiation of mycobacterium species in the clinical laboratory," <i>Scand. J. Infect. Diseases</i> (1998) 30(5):477-80.	
	IL	BAHRMAND, A. R. et al., "Polymerase chain reaction of bacterial genomes with single universal primer: application to distinguishing mycobacteria species," <i>Mol. Cell. Probes</i> (1996) 10(2):117-122.	
	IM	BASTIA, T. et al., "Organelle DNA analysis of Solanum and Brassica somatic hybrids by PCR with 'universal primers'," <i>Theoretical and Applied Genetics</i> (2001) 102(8):1265-1272.	
	IN	BOIVIN-JAHNS, V. et al., "Bacterial Diversity in a Deep-Subsurface Clay Environment," <i>Appl. Environ. Microbiol.</i> (1996) 62(9):3405-3412.	
	IO	BOWEN, J. E. et al., "The native virulence plasmid combination affects the segregational stability of a theta-replicating shuttle vector in <i>Bacillus anthracis</i> var. New Hampshire," <i>J Appl Microbiol.</i> (1999) 87(2):270-278.	
	IP	CESPEDES, A. et al., "Polymerase chain reaction restriction fragment length polymorphism analysis of a short fragment of the cytochrome b gene for identification of flatfish species," <i>J. Food Protection</i> (1998) 61(12):1684-1685.	
	IQ	CHEN, C. A. et al., "Universal primers for amplification of mitochondrial small subunit ribosomal RNA-encoding gene in scleractinian corals," <i>Marine Biotech.</i> (2000) 2(2):146-153.	
	IR	CHO, M. et al., "Application of the ribonuclease P (RNase P) RNA gene sequence for phylogenetic analysis of the genus <i>Saccharomonospora</i> ," <i>Internat. J. of Sys. Bacteriol.</i> (1998) 48:1223-1230.	
	IS	CORNEL, A. J. et al., "Polymerase chain reaction species diagnostic assay for <i>Anopheles quadrimaculatus</i> cryptic species (Diptera: Culicidae) based on ribosomal DNA ITS2 sequences," <i>Journal of Medical Entomology</i> (1996) 33(1):109-116.	
	IT	CRAIN, P. F. et al., "Applications of mass spectrometry to the characterization of oligonucleotides and nucleic acids," <i>Curr Opin Biotechnol</i> (1998) 9(1):25-34.	
	IU	CRESPILLO, M. et al., "Mitochondrial DNA sequences for 118 individuals from northeastern Spain," <i>Int. J. Legal Med.</i> (2000) 114:130-132.	
	IV	DEBORCE, D. L. et al., "Analysis of oligonucleotides by ESI-MS," <i>Advances in Chromatography</i> (2000) 40:539-566.	

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Sheet 7 of 11

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Application Number	10/660,997
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	IW	DIAS NETO, E. et al., "Shotgun sequencing of the human transcriptome with ORF expressed sequence tags," <i>PNAS</i> (2000) 97(7):3491-3496.	
	IX	DINAUER, D. M. et al., "Sequence-based typing of HLA class II DQB1," <i>Tissue Antigens</i> (2000) 55(4):364-368.	
	IY	DUBERNET, S. et al., "A PCR-based method for identification of Lactobacilli at the genus level," <i>FEMS Microbiology Letters</i> (2002) 214(2):271-275.	
	IZ	FIGUEIREDO, L. T. M. et al., "Identification of Brazilian flaviviruses by a simplified reverse transcription-polymerase chain reaction method using Flavivirus universal primers," <i>American Journal of Tropical Medicine and Hygiene</i> (1998) 59(3):357-362.	
	JA	FOX, A. et al., "Identification and detection of bacteria: electrospray MS-MS versus derivatization/GC-MS," <i>Proceedings of the ERDEC Scientific Conference on Chemical and Biological Defense Research</i> (1994) Aberdeen Proving Ground, Md., Nov. 15-18, p. 39-44.	
	JB	FUJIOKA, S. et al., "Analysis of enterovirus genotypes using single-strand conformation polymorphisms of polymerase chain reaction products," <i>J. Virol. Meth.</i> (1995) 51:253-258.	
	JC	GATTERMANN, N. et al., "Heteroplasmic Point Mutations of Mitochondrial DNA Affecting Subunit I of Cytochrome c Oxidase in Two Patients with Acquired Idiopathic Sideroblastic Anemia," <i>Blood</i> (1997) 90(12):4964-4972.	
	JD	GRIFFIN, T. J. et al., "Single-nucleotide polymorphism analysis by MALDI-TOF mass spectrometry," <i>Trends in Biotechnology</i> (2000) 18(2):77-84.	
	JE	HAHNER, S. et al., "Analysis of short tandem repeat polymorphisms by electrospray ion trap mass spectrometry," <i>Nucleic Acids Res.</i> (2000) 28(18):E82.	
	JF	HANNIS, J. C. et al., "Genotyping complex short tandem repeats using electrospray ionization Fourier transform ion cyclotron resonance multistage mass spectrometry," <i>Proceedings of SPIE-The International Society for Optical Engineering</i> (2000) 3926:36-47.	
*	JG	HAUGLAND, R. A. et al., "Identification of putative sequence specific PCR primers for detection of the toxigenic fungal species <i>Stachybotrys chartarum</i> ," <i>Mol. Cell. Probes</i> (1998) 12(6):387-396.	
	JH	HENGHAL, E. A. et al., "Sensitivity and specificity of a universal primer set for the rapid diagnosis of dengue virus infections by polymerase chain reaction and nucleic acid hybridization," <i>American Journal of Tropical Medicine and Hygiene</i> (1991) 45(4):418-428.	

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Sheet 8 of 11

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Application Number	10/660,997
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1837
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

NON PATENT LITERATURE DOCUMENTS

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	J1	HERRMANN, B. et al., "Differentiation of <i>Chlamydia</i> spp. by Sequence Determination and Restriction Endonuclease Cleavage of RNase P RNA Genes," <i>J. Clin. Microbiol.</i> (1996) 34(8): 1897-1902.	
	JJ	HIGGINS, G. S. et al., "Competitive oligonucleotide single-base extension combined with mass spectrometric detection for mutation screening," <i>BioTechniques</i> (1997) 23(4):710-714.	
	JK	HONDA, K. et al., "Universal method of hypersensitive nested PCR toward forensic DNA typing," <i>International Congress Series</i> (1998) 7:28-30.	
	JL	HURST, G. B. et al., "MALDI-TOF analysis of polymerase chain reaction products from methanotrophic bacteria," <i>Anal. Chem.</i> (1998) 70(13):2693-2698.	
	JM	JOHNSON, Y. A. et al., "Precise molecular weight determination of CPR products of the rRNA intergenic spacer region using electrospray quadrupole mass spectrometry for differentiation of <i>B. subtilis</i> and <i>B. atrophaeus</i> , closely related species of bacilli," <i>J. Microbiol. Methods</i> (2000) 40(3):241-254.	
	JN	JURINKE, C. et al., "Detection of hepatitis B virus DNA in serum samples via nested PCR and MALDI-TOF mass spectrometry," <i>Genetic Analysis: Biomolecular Engineering</i> (1996) 13:67-71.	
	JO	KILPATRICK, D. R. et al., "Group-Specific Identification of Polioviruses by PCR Using Primers Containing Mixed-Base of Deoxyinosine Residues at Positions of Codon Degeneracy," <i>J. Clin. Microbiol.</i> (1996) 34(12):2990-2996.	
	JP	KRAHMER, M. T. et al., "Electrospray quadrupole mass spectrometry analysis of model oligonucleotides and polymerase chain reaction products: determination of base substitutions, nucleotide additions/deletions, and chemical modifications," <i>Anal. Chem.</i> (1999) 71(14):2893-2900.	
	JQ	KRAHMER, M. T. et al., "MS for identification of single nucleotide polymorphisms and MS/MS for discrimination of isomeric PCR products," <i>Anal. Chem.</i> (2000) 72(17):4033-4040.	
	JR	LACROIX, J.-M. et al., "PCR-based technique for the detection of bacteria in semen and urine," <i>J. Microbiol. Methods</i> (1996) 26:61-71.	
	JS	LEIF, H. et al., "Isolation and characterization of the proton-translocating NADH: ubiquinone oxidoreductase from <i>Escherichia coli</i> ," <i>Eur. J. Biochem.</i> (1995) 230(2):538-548.	
	JT	LI, J. et al., "Single nucleotide polymorphism determination using primer extension and time-of-flight mass spectrometry," <i>Electrophoresis</i> (1999) 20(6):1258-1265.	

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Application Number	10/660,997
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

NON PATENT LITERATURE DOCUMENTS

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	JU	LIU, Y. et al., "An unusual gene arrangement for the putative chromosome replication origin and circadian expression of <i>dnaN</i> in <i>Synechococcus</i> sp. strain PCC 7942," <i>Gene</i> (1996) 172(1):105-109.	
	JV	LOAKES, D. et al., "Nitroindoles as Universal Bases," <i>Nucleosides Nucleotides</i> (1995) 14:1001-1003.	
	JW	LOVE, B. C. et al., "Cloning and sequence of the <i>groESL</i> heat-shock operon of <i>Pasteurella multocida</i> ," <i>Gene</i> (1995) 166(1):179-180.	
	JX	MAIWALD, M. et al., "Characterization of contaminating DNA in Taq polymerase which occurs during amplification with a primer set for <i>Legionella</i> 5S ribosomal RNA," <i>Mol. Cell. Probes</i> (1994) 8(1):11-14.	
	JY	MARTEMYANOV, K. A. et al., "Extremely Thermostable Elongation Factor G from <i>Aquifex aeolicus</i> : Cloning, Expression, Purification, and Characterization in a Heterologous Translation System," <i>Protein Expr. Purif.</i> (2000) 18(3):257-261.	
	JA	MATRAY, T. J. et al., "Synthesis and properties of RNA analogs - oligoribonucleotide N3'→P5' phosphoramidates," <i>Nucleic Acids Res.</i> (1999) 27(20):3976-3985.	
	KA	MESSMER, T. O. et al., "Discrimination of <i>Streptococcus pneumoniae</i> from other upper respiratory tract streptococci by arbitrarily primed PCR," <i>Clin. Biochem.</i> (1995) 28(6):567-572.	
	KB	MORSE, R. et al., "Nucleotide Sequence of Part of the <i>ropC</i> Gene Encoding the β' Subunit of DNA-Dependent RNA Polymerase from some Gram-Positive Bacteria and Comparative Amino Acid Sequence Analysis," <i>System Appl. Microbiol.</i> (1996) 19:160-157.	
	KC	MUDDIMAN, D. C. et al., "Application of secondary ion and matrix-assisted laser desorption-ionization time-of-flight mass spectrometry for the quantitative analysis of biological molecules," <i>Mass Spectrometry Reviews</i> (1996) 14(6):383-429.	
	KD	MUDDIMAN, D. C. et al., "Important aspects concerning the quantification of biomolecules by time-of-flight secondary-ion mass spectrometry," <i>Applied Spectroscopy</i> (1996) 50(2):161-166.	
	KE	MUHAMMAD, W. T. et al., "Electrospray ionization quadrupole time-of-flight mass spectrometry and quadrupole mass spectrometry for genotyping single nucleotide substitutions in intact polymerase chain reaction products in K-ras and p53," <i>Rapid Commun. Mass Spectrom.</i> (2002) 16(24):2278-2285.	
	KF	MUSHEGIAN, A. R. et al., "A minimal gene set for cellular life derived by comparison of complete bacterial genomes," <i>Proc. Natl. Acad. Sci. USA</i> (1996) 93(19):10268-10273.	

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Application Number	10/660,997
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

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	KG	REID, S. M. et al., "Primary diagnosis of foot-and-mouth disease by reverse transcription polymerase chain reaction," <i>Journal of Virological Methods</i> (2000) 89(1-2):167-176.	
	KH	REILLY, K. et al., "Design and use of 16S ribosomal DNA-directed primers in competitive PCRs to enumerate proteolytic bacteria in the rumen," <i>Microbiol. Ecol.</i> (2002) 43(2):259-270.	
	KI	ROSS, P. L. et al., "Analysis of DNA fragments from conventional and microfabricated PCR devices using delayed extraction MALDI-TOF mass spectrometry," <i>Anal. Chem.</i> (1998) 70(10):2067-2073.	
	KJ	SALA, M. et al., "Ambiguous base pairing of the purine analogue 1-(2-deoxy-β-D-ribofuranosyl)-imidazole-4-carboxamide during PCR," <i>Nucleic Acids Res.</i> (1996) 24(17):3302-6.	
	KK	SAUER, S. et al., "A novel procedure for efficient genotyping of single nucleotide polymorphisms," <i>Nucleic Acids Res.</i> (2000) 28(5):E13.	
	KL	SCHRAM, K. H., "Mass Spectrometry of Nucleic Acid Components," <i>Biomedical Applications of Mass Spectrometry</i> (1990) 34:203-280.	
	KM	SCHULTZ, J. C. et al., "Polymerase chain reaction products analyzed by charge detection mass spectrometry," <i>Rapid Communications in Mass Spectrometry</i> (1999) 13(1):15-20.	
	KN	SESHADRI, R. et al., "Differential Expression of Translational Elements by Life Cycle Variants of <i>Coxiella burnetii</i> ," <i>Infect. Immun.</i> (1999) 67(11):6026-6033.	
	KO	SHAVER, Y. J. et al., "Variation in 16S-23S rRNA intergenic spacer regions among <i>Bacillus subtilis</i> 168 isolates," <i>Molecular Microbiology</i> (2001) 42(1):101-109.	
	KP	TAKAHASHI, H. et al., "Characterization of <i>gyrA</i> , <i>gyrB</i> , <i>grlA</i> and <i>grlB</i> mutations in fluoroquinolone-resistant clinical isolates of <i>Staphylococcus aureus</i> ," <i>J. Antimicrob. Chemother.</i> (1998) 41(1):49-57.	
	KQ	TONG, J. et al., "Ligation reaction specificities of an NAD ⁺ -dependent DNA ligase from the hyperthermophile <i>Aquifex aeolicus</i> ," <i>Nucleic Acids Res.</i> (2000) 28(6):1447-1454.	
	KR	VAN AERSCHOT, A. et al., "In search of acyclic analogues as universal nucleotides in degenerate probes," <i>Nucleosides & Nucleotides</i> (1995) 14(3-5):1053-1056.	
	KS	VANBAAR, B. L., "Characterisation of bacteria by matrix-assisted laser desorption/ionisation and electrospray mass spectrometry," <i>FEMS Microbiol. Rev.</i> (2000) 24(2):193-219.	

Examiner Signature	/Jeffrey Fredman/	Date Considered	04/25/2007
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Sheet 11 of 11

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Application Number	10/660,997
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P2

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	KT	VAN CAMP, G. et al., "Amplification and sequencing of variable regions in bacterial 23S ribosomal RNA genes with conserved primer sequences," <i>Curr. Microbiol.</i> (1993) 27(3):147-151.	
	KU	VAN DER VOSSEN, J. M. B. M. et al., "DNA based typing, identification and detection systems for food spoilage microorganisms: development and implementation," <i>Int. J. Food Microbiol.</i> (1996) 33(1):35-49.	
	KV	VAN ERT, M. N. et al., "Mass spectrometry provides accurate characterization of two genetic marker types in <i>Bacillus anthracis</i> ," <i>Biotechniques</i> (2004) 37(4):642-651.	
	KW	WALTERS, J. J. et al., "Genotyping single nucleotide polymorphisms using intact polymerase chain reaction products by electrospray quadrupole mass spectrometry," <i>Rapid Commun. Mass Spectrom.</i> (2001) 15(18):1752-1759.	
	KX	WELHAM, K. J. et al., "The Characterization of Microorganisms by Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry," <i>Rapid Commun. Mass Spec.</i> (1988) 12:176-180.	
	KY	WIDJOJOATMODJO, M. N. et al., "Rapid identification of bacteria by PCR-single-strand conformation polymorphism," <i>J. Clin. Microbiol.</i> (1994) 32(12):3002-3007.	
	KZ	WOLTER, A. et al., "Negative Ion FAB Mass Spectrometric Analysis of Non-Charged Key Intermediates in Oligonucleotide Synthesis: Rapid Identification of Partially Protected Dinucleoside Monophosphates," <i>Biomed. Environ. Mass Spectrom.</i> (1987) 14:111-116.	
	LA	WOO, T. H. S. et al., "Identification of <i>Leptospira inadai</i> by continuous monitoring of fluorescence during rapid cycle PCR," <i>Systematic and Applied Microbiology</i> (1998) 21(1):89-96.	
	LB	WUNSCHER, D. et al., "Discrimination among the <i>B. cereus</i> group, in comparison to <i>B. subtilis</i> , by structural carbohydrate profiles and ribosomal RNA spacer region PCR," <i>Systematic and Applied Microbiology</i> (1995) 17(4):625-635.	
	LC	WUNSCHER, D. S. et al., "Analysis of double-stranded polymerase chain reaction products from the <i>Bacillus cereus</i> group by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry," <i>Rapid Communications in Mass Spectrometry</i> (1996) 10(1):29-35.	
	LD	YAO, Z.-P. et al., "Mass Spectrometry-Based Proteolytic Mapping for Rapid Virus Identification," <i>Anal. Chem.</i> (2002) 74(11):2529-2534.	
	LE	YASUI, T. et al., "A specific oligonucleotide primer for the rapid detection of <i>Lactobacillus lindneri</i> by polymerase chain reaction," <i>Can. J. Microbiol.</i> (1997) 43(2):157-163.	
	LF	BLAST Search results (03/2006)	

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